

XP-002256824

AN - 1996-112641 [12]

AP - JP19940151298 19940701

CPY - MIKI-N

DC - B04 D21

FS - CPI

IC - A61K7/26 ; A61K7/48 ; A61K35/78

MC - B04-A10 B14-C03 B14-D07 B14-H01 B14-N06B D08-A05 D08-B08

M1 - [01] M423 M781 M903 P420 P616 P633 P913 Q261 R021 V400 V406 V814

M6 - [02] M903 P420 P616 P913 Q261 R021 R111 R210

PA - (MIKI-N) MIKIMOTO SEIYAKU KK

PN - JP8012586 A 19960116 DW199612 A61K35/78 006pp

PR - JP19940151298 19940701

XA - C1996-035337

XIC - A61K-007/26 ; A61K-007/48 ; A61K-035/78

AB - J08012586 Plasmin antagonist contains at least one of solvent extracts of *Saraca indica*, *Punica granatum*, *Mimusops elengi*, *Eugenia jambolana* and *Terminalia chebula*.

- Plants are pref. extracted with water or a hydrophilic organic solvent e.g. EtOH, MeOH, Me₂CO, glycerine or propylene glycol, or their mixts. The extracts are used to prepare external preps. using additives and adjuvants to give lotions, creams, emulsions and packs.

- USE - Used as anti-inflammatory external prepn., and for inhibition and prevention of periodontosis and metastasis of cancer.

- In an example, inhibition of plasmin activity was determined with a mixt. of 4 ml of 0.6% plasminogen free fibrinogen aq. soln. and 4 ml of 0.1M phosphate buffer. pH 7.4, with added 0.1 ml of 10 U/ml of thrombin. The mixt. was allowed to stand for 30 min. to give gel, and 30 micro-l of 0.1 ml each of a sample soln. and 10 U/ml of plasmin soln. were placed and incubated at 37 deg.C for 2 hrs. The dissolved area of fibrin gel was used to determine the inhibition of plasmin activity. Extract of *Eugenia jambolana*, *Mimusops elengi* and *Saraca indica* exhibited complete inhibition at 1 mg/ml, the *Terminalia chebula* and *Punica granatum* exhibited 88% and 70% inhibition at 1 mg/ml, respectively. (Dwg.0/0)

IW - PLASMIN ANTAGONIST TREAT METASTASIS CANCER CONTAIN SOLVENT EXTRACT

IKW - PLASMIN ANTAGONIST TREAT METASTASIS CANCER CONTAIN SOLVENT EXTRACT

NC - 001

OPD - 1994-07-01

ORD - 1996-01-16

PAW - (MIKI-N) MIKIMOTO SEIYAKU KK

TI - Plasmin antagonist for treating metastasis of cancer, etc. - contains solvent extract of e.g. *Saraca indica*, *Punica granatum* or *Terminalia chebula*